

under 37 C.F.R. § 1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to our Deposit Account No. 19-0036.

Amendments

In the Specification:

Please substitute pending paragraph [0017] with the following paragraph [0017]:

By a polynucleotide having a nucleotide sequence at least, for example, 95% "identical" to a reference nucleotide sequence is intended that the nucleotide sequence of the polynucleotide is identical to the reference sequence except that the polynucleotide sequence may include up to five point mutations per each 100 nucleotides of the reference nucleotide sequence. In other words, to obtain a polynucleotide having a nucleotide sequence at least 95% identical to a reference nucleotide sequence, up to 5% of the nucleotides in the reference sequence may be deleted or substituted with another nucleotide, or a number of nucleotides up to 5% of the total nucleotides in the reference sequence may be inserted into the reference sequence.

Please substitute pending paragraph [0073] with the following paragraph [0073]:

Forward and reverse oligonucleotide primers were designed with which to initiate PCR reactions using purified pADM291 DNA as substrate. The oligonucleotide primers were prepared by a commercial lab (Sigma/Genosys, The Woodlands, TX) using established methods known in the art. The primers had the following features ("F"=forward primer; "R"=reverse primer):

Table I

<u>Primer Label</u>	<u>DNA Sequence</u>
Primer 1F	CGGAATTCGATCATATCATTCCCCAAGCGGAC (SEQ ID NO:5)
Primer 1R	GCTCTAGACGATGTACTCCTTGGTGCTCTCGAT (SEQ ID NO:6)
Primer 2F	CGGAATTCTGCTTCTTTTCGTTTCGTTTCCGCC (SEQ ID NO:7)
Primer 2R	GCTCTAGAACATCGCTCATCTGTAGTCGCC (SEQ ID NO:8)
Primer 3F	CGG AATTCACAGTCAGGTGGCACATGTTCC (SEQ ID NO:9)
Primer 3R	CGG GATCCTGTGAAAAAGTGAGGACAGGCGGG (SEQ ID NO:10)
Primer 4F	CGGAATTCGGCAATGGGTCGAAATTCATAG (SEQ ID NO:11)
Primer 4R	CGGGATCCACGTTCCCTATTTTCCTCAATC (SEQ ID NO:12)
Primer 5F	CGGAATTCACACCGAAACACCTAACACGCAAG (SEQ ID NO:13)
Primer 5R	CGGGATCCAGTGCGGTTACGTCATCAATG (SEQ ID NO:14)
Primer 6F	CGGAATTCTGCACTGCCGCTCTCGAAATG (SEQ ID NO:15)
Primer 6R	CGGAATTCACAAGATTGACGCAGCTCTTCGC (SEQ ID NO:16)
Primer 7F	CGGAATTCGGCAATGGGTCGAAATTCATAG (SEQ ID NO:17)
Primer 7R	CGCGGATCCACTTGTGTTGTCTTTCCC (SEQ ID NO:18)
Primer 8F	GCGGAATTCGACGCTGCAAACATCGAAAAAC (SEQ ID NO:19)
Primer 8R	CGGGATCCACGTTCCCTATTTTCCTCAATC (SEQ ID NO:20)